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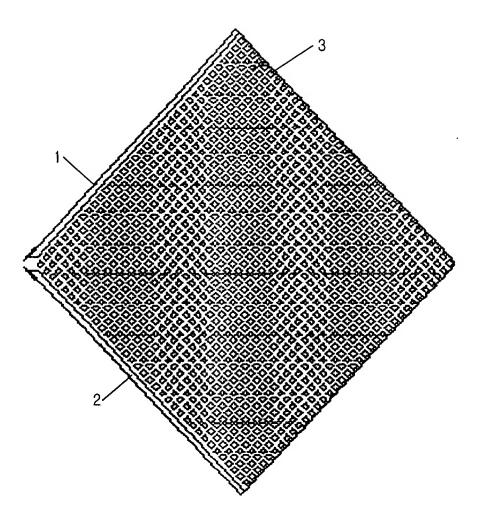


FIG.1

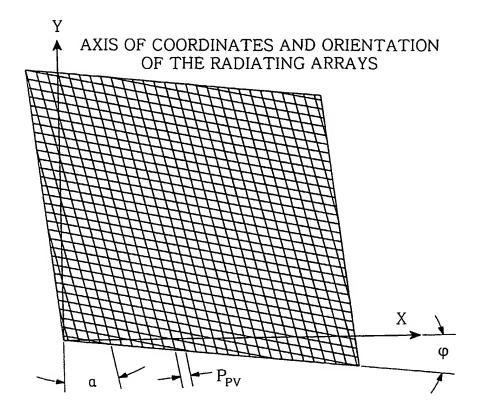


FIG.2A

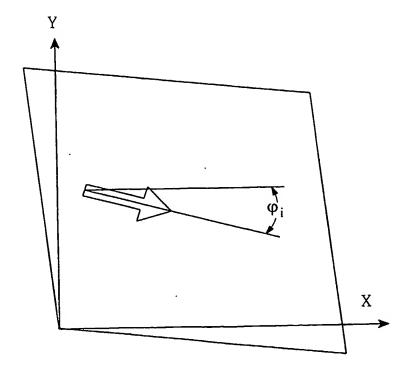


FIG.2B

FEEDING WAVEGUIDE

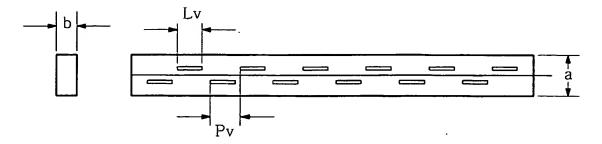


FIG.3

SPHERICAL SYSTEM OF COORDINATES

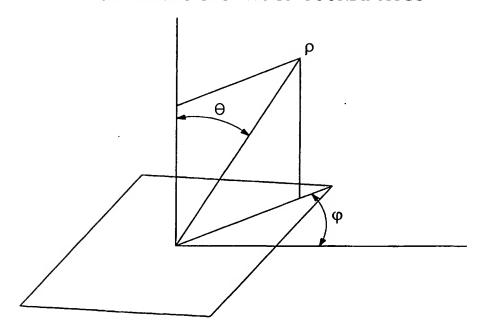


FIG.4

ORIENTATION OF THE ELECTRIC FIELD IN RADIATING ELEMENT

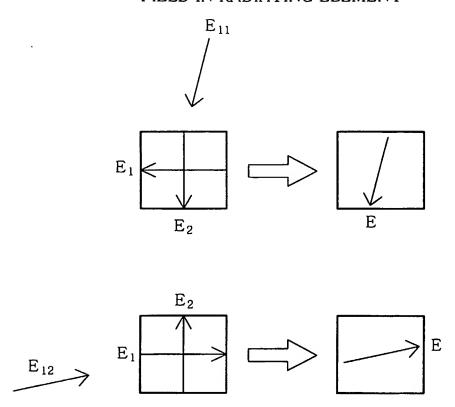


FIG.5

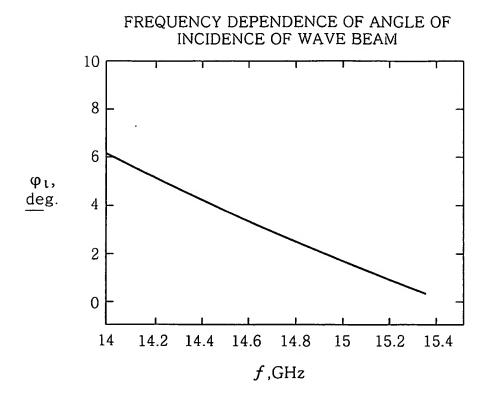
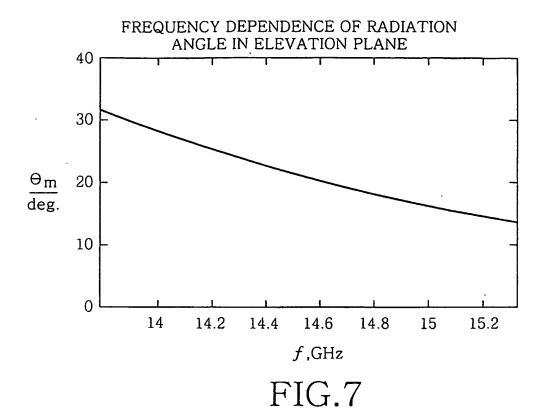


FIG.6



FREQUENCY DEPENDENCE OF RADIATION ANGLE IN AZIMUTH PLANE

44.9

44.8

44.7

13.5

14

14.5

15

15.5

F,GHz

FIG.8

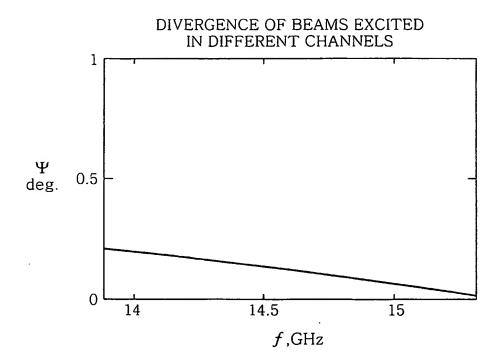


FIG.9

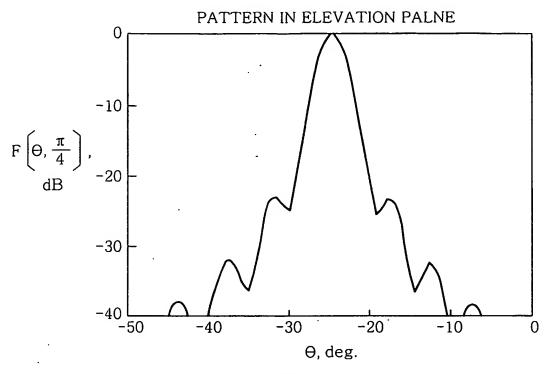


FIG.10

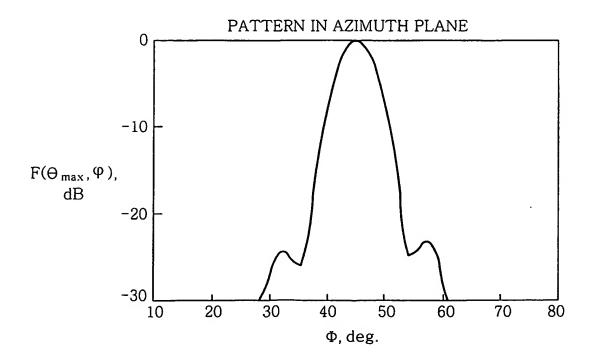


FIG.11

